

Converting Colors

YIQ(246.3070, 6.1450, -6.7430)

Have a look what the booklet for
YIQ(246.3070, 6.1450, -6.7430)
contains.

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Color

**YIQ(246.3070, 6.1450,
-6.7430)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F8F9E4 |
| RGB | 248, 249, 228 |
| RGB Percent | 97%, 98%, 89% |
| CMY | 0.0275, 0.0235, 0.1058 |
| CMYK | 0.00, 0.00, 0.08, 0.02 |
| HSL | 63°, 64%, 94% |
| HSV | 63°, 8%, 98% |
| XYZ | 86.5908, 93.3093, 86.8530 |
| YIQ | 246.3070, 6.1450, -6.7430 |

Conversions

Conversions Part 2

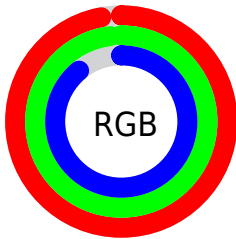
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 228, 249, 229 |
| Decimal | 16316900 |
| CIE Lab | 97.35, -3.88, 9.95 |
| CIE LCh | 97, 10.683, 111.305 |
| Yxy | 93.3093, 0.3246, 0.3498 |
| Android (android.graphics.Color) | 4294506980 (0xFFFF8F9E4) |
| YUV | 246.3070, -9.0254, 1.4848 |
| Hunter-Lab | 96.5968, -9.0342, 14.3083 |

Details

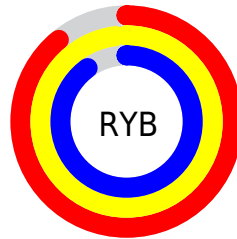
The YIQ color 246.3070, 6.1450, -6.7430 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 230.6930, -6.1450, 6.7430, and the grayscale version is 246.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 190.4210, 5.8240, -6.4320 is the 20% darker color. If you saturate the color by 10%, you get 243.1580, 13.5740, -14.7300, and if you desaturate by 10%, it is 249.4560, -1.2840, 1.2440.

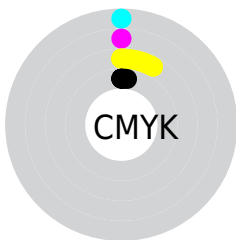
Distribution



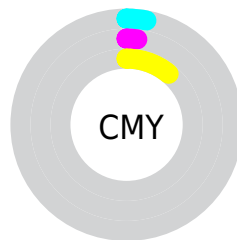
- Red (97%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 246.3070, 6.1450, -6.7430 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 246.3070, 6.1450, -6.7430 by changing the saturation by 10% instead.


 246.3070, 6.1450,
-6.7430


 246.3070, 6.1450,
-6.7430


255.0000, -0.0000,
-0.0000


 217.4210, 5.8240,
-6.4320

 190.4210, 5.8240,
-6.4320

 162.5350, 5.5030,
-6.1210

 136.5350, 5.5030,
-6.1210

 111.6490, 5.1820,
-5.8100

 86.7630, 4.8610,
-5.4990

 63.7630, 4.8610,

-5.4990

■ 41.5780, 3.9440,
-5.4000

■ 20.6060, 6.7410,
-6.5310

■ 246.3070, 6.1450,
-6.7430

■ 246.3070, 6.1450,
-6.7430

■ 243.1580, 13.5740,
-14.7300

■ 249.4560, -1.2840,
1.2440

■ 240.0090, 21.0030,
-22.7170

■ 249.9830, -1.3300,
2.0780

■ 236.5610, 27.8360,
-30.9160

■ 250.5810, -0.1380,
2.5020

■ 233.4120, 35.2650,
-38.9030

■ 250.8800, 0.4580,
2.7140

■ 230.3770, 42.3730,
-46.5790

■ 251.1790, 1.0540,
2.9260

■ 227.2280, 49.8020,
-54.5660

■ 251.4780, 1.6500,
3.1380

■ 224.0790, 57.2310,
-62.5530

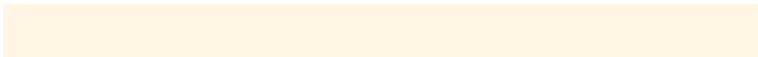
■ 220.6310, 64.0640,
-70.7520

■ 217.4820, 71.4930,
-78.7390

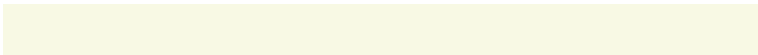
Harmonies

Analogous

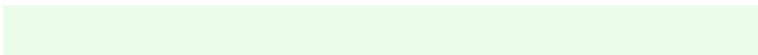
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.5250, 11.4630, -4.0010



246.3070, 6.1450, -6.7430



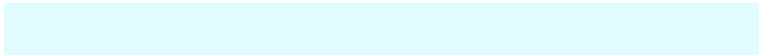
245.1640, -3.7580, -8.9900

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.3070, 6.1450, -6.7430



244.2690, -17.0550, -4.7910



246.3260, 5.1340, 6.0780

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



246.3070, 6.1450, -6.7430



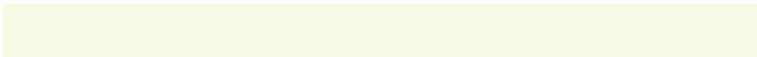
230.6930, -6.1450, 6.7430

Split Complementary

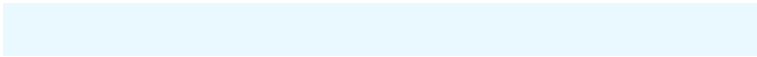
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.9560, 3.3000, 6.2760



246.3070, 6.1450, -6.7430



244.9000, -11.4620, -1.5260

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



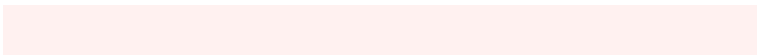
246.3070, 6.1450, -6.7430



244.4320, -19.0720, -6.7840



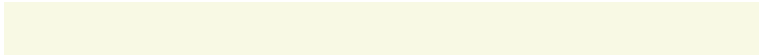
247.0260, -2.8890, 2.7990



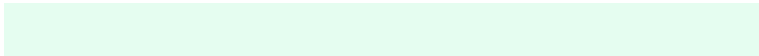
245.0720, 8.6650, 2.6570

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.3070, 6.1450, -6.7430



244.3420, -10.1310, -9.1310



247.0260, -2.8890, 2.7990



246.6680, 4.1710, 7.0110

Sweetspot

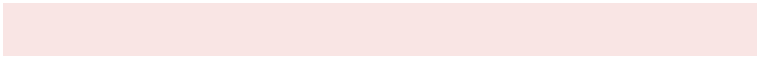
The Sweet Spot groups the original color and five complimentary colors.



246.3070, 6.1450, -6.7430



254.0880, 2.5680, -2.4880



234.8660, 12.2410, 3.9290



127.0170, 1.3300, -2.0780



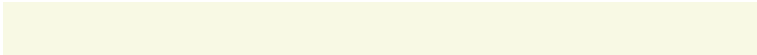
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.3070, 6.1450, -6.7430



251.8510, 7.4290, -7.9870



243.3170, 0.1850, -8.8630



123.2190, 3.5770, -4.2550



164.7630, 55.3050, -60.6870



53.1490, 17.7930, -19.6070

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



230.6930, -6.1450, 6.7430



233.1490, -7.4290, 7.9870



233.6830, -0.1850, 8.8630



113.7810, -3.5770, 4.2550



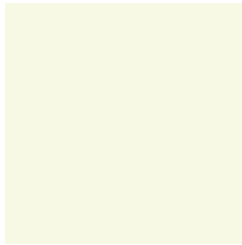
24.2370, -55.3050, 60.6870



7.8510, -17.7930, 19.6070

Previews

White Background



This preview shows how the YIQ color 246.3070, 6.1450, -6.7430 looks on a white background.

Color Contrast Check

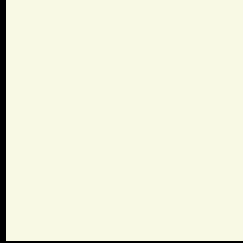
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 246.3070, 6.1450, -6.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

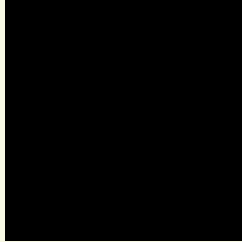
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.3070, 6.1450, -6.7430

Background



This preview shows how black text looks on a background with the YIQ color 246.3070, 6.1450, -6.7430.



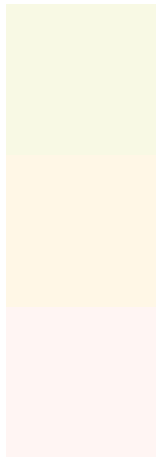
This preview shows how white text looks on a background with the YIQ color 246.3070, 6.1450,

-6.7430.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

246.3070, 6.1450, -6.7430

Protanopia

247.4540, 10.2250, -3.5910

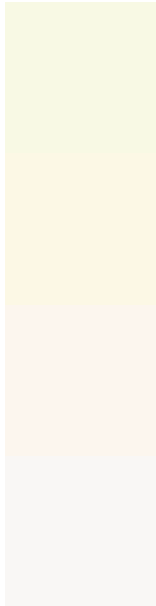
Deuteranopia

247.7620, 6.6020, 1.4980

Tritanopia

248.2220, -0.5050, 3.6470

Trichromacy



Original Color

246.3070, 6.1450, -6.7430

Protanomaly

247.0300, 8.4830, -5.0610

Deuteranomaly

246.8820, 6.1440, -1.2160

Tritanomaly

247.3700, 1.8340, -0.1980

Monochromacy



Original Color

246.3070, 6.1450, -6.7430

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

246.0880, 2.5680, -2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.3070, 6.1450, -6.7430 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(248, 249, 228)` looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 249, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 228) }
```

Border

The CSS property to change the border of an element to YIQ 246.3070, 6.1450, -6.7430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 249, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(248, 249, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(248, 249, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 228);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 246.3070, 6.1450, -6.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248,  
249, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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